

WHAT IS CLAIMED IS:

1. A spray device comprising:  
a spray mechanism; and  
a reservoir containing a substance for spraying, arranged in such a manner as to be capable of being removably mounted on the device so that the substance can be selectively dispensed by the spray mechanism, the reservoir comprising:  
a substance outlet passage;  
a closure member for closing said passage when the reservoir is not mounted on the device, the spray mechanism and the closure member being arranged in such a manner that the closure member opens in response to the reservoir being mounted on the device;  
at least a first partition; and  
first and second compartments capable of containing the substance, the compartments being arranged to feed the spray mechanism with the substance and being disposed on either side of said first partition, wherein the substance comprises a cosmetic or a care product.
2. A device according to claim 1, wherein the passage opens out at one end thereof on either side of the first partition.
3. A device according to claim 1, wherein the closure member comprises a ball check valve.
4. A device according to claim 3, wherein the spray mechanism comprises a portion in relief arranged, when the reservoir is mounted on the device, to move the ball from a first position closing the passage to a second position opening the passage.
5. A device according to claim 1, wherein the reservoir comprises at least one second partition on one side of the first partition, the second partition being associated with the first compartment and defining therein two sub-compartments that are in communication with each other.
6. A device according to claim 5, wherein the reservoir comprises at least one third partition associated with the second compartment and defining therein two sub-compartments, the first partition being situated between the second and third partitions.
7. A device according to claim 1, wherein the reservoir comprises a base portion and a lid-forming portion fitted on the base portion.

8. A device according to claim 6, wherein the reservoir comprises a base portion and a lid-forming portion fitted on the base portion, and wherein the second and third partitions are made integrally with at least one of the base portion and the lid-forming portion.

9. A device according to claim 1, wherein the substance outlet passage is defined at least in part by an endpiece.

10. A device according to claim 9, wherein the endpiece projects from the reservoir.

11. A device according to claim 9, wherein the endpiece carries a sealing O-ring.

12. A device according to claim 1, wherein the reservoir is at least partially transparent.

13. A device according to claim 1, wherein the reservoir comprises a fastener arranged to co-operate by complementary shapes with the spray mechanism.

14. A device according to claim 1, wherein the substance is sprayed by suction created by a stream of vector gas.

15. A device according to claim 14, wherein the vector gas is stored in liquefied form in a pressurized receptacle.

16. A device according to claim 1, wherein the spray mechanism includes a control member arranged to act simultaneously both on a vector gas dispenser valve and on a valve for adjusting the flow rate of the sprayed substance.

17. A device according to claim 1, wherein the reservoir is generally elongate in shape, having a longitudinal axis substantially parallel to a direction in which spraying takes place.

18. A device according to claim 9, wherein the first partition extends inside the endpiece.

19. A device according to claim 1, wherein the first and second compartments are not in communication other than via the substance outlet passage.

20. A spray device comprising:  
a spray mechanism comprising a housing for receiving a vector gas supply;  
and

a reservoir containing a substance to be sprayed and arranged in such a manner as to be capable of being releasably mounted on the device so that the substance can be selectively dispensed by the spray mechanism, the reservoir comprising:

a substance outlet passage; and

a closure member to close said passage when the reservoir is not mounted on the device, the spray mechanism and the closure member being arranged in such a manner that the closure member opens in response to the reservoir being mounted on the device.

21. A spray device for spraying at least one substance contained in a reservoir, the substance being taken from the reservoir by suction created at an outlet orifice of the reservoir by a stream of vector gas, the vector gas being stored in a pressurized receptacle, said device comprising an adjustment valve for adjusting a flow rate of the sprayed substance and a control member capable of being operated by a user to act both on a vector gas dispenser valve and on the adjustment valve, the adjustment valve comprising a plunger arranged to cooperate with an associated seat so that the flow rate of the sprayed substance varies with varying spacing between the seat and the plunger, the substance comprising a cosmetic or a care product.

22. A device according to claim 21, wherein the control member comprises a pivoting lever.

23. A device according to claim 21, wherein the dispenser valve is secured to the pressurized receptacle.

24. A device according to claim 23, wherein the dispenser valve is triggered by tilting a control rod.

25. A device according to claim 21, wherein the seat is situated on a support piece for supporting at least one nozzle for spraying the substance.

26. A device according to claim 25, wherein the support piece is made of plastics material.

27. A device according to claim 26, wherein the support piece is releasably fastened on the device.

28. A device according to claim 21, wherein the substance reservoir is removable.

29. A device according to claim 21, further comprising two outlet nozzles for the vector gas and an outlet nozzle for the substance to be sprayed.

30. A device according to claim 25, wherein the at least one nozzle is made of metal.

31. A device according to claim 21, further comprising two vector gas outlet nozzles having axes that converge in a direction going away from the device.

32. A device according to claim 31, wherein the substance outlet orifice comprises an axis situated substantially in a same plane as the axes of the vector gas outlet nozzles.

33. A device according to claim 21, wherein the plunger is slidable in a direction substantially parallel to a direction along which the substance is sprayed.
34. A device according to claim 21, further comprising a housing for receiving the pressurized receptacle.
35. A device according to claim 34, further comprising a movable cap that enables access to the housing to be closed.
36. A device according to claim 21, further comprising a return spring for returning the plunger toward a rest position in which the plunger is pressed against the seat.
37. A device according to claim 21, wherein the control member does not include a return spring associated only with the control member.
38. A device according to claim 21, further comprising an endpiece arranged to be engaged on a control rod of the dispenser valve, wherein the control member is arranged to be capable of pressing against said endpiece.
39. A device according to claim 21, further comprising a hinged mirror.
40. A device according to claim 21, wherein the device is generally elongate in shape and the control member comprises a presser face placed on a longitudinal side of the device to be pressed by a user.
41. A device according to claim 21, wherein the reservoir of substance and the pressurized receptacle are held together in a fixed manner without movement relative to one another in use.
42. A device according to claim 21, wherein the reservoir includes a micro-orifice opening to the ambient atmosphere.
43. A device according to claim 1, wherein the substance comprises a cosmetic.
44. A device according to claim 1, wherein the substance comprises a care product.
45. A device according to claim 21, wherein the substance comprises a cosmetic.
46. A device according to claim 21, wherein the substance comprises a care product.